FIG. 1 CONVENTIONAL ART

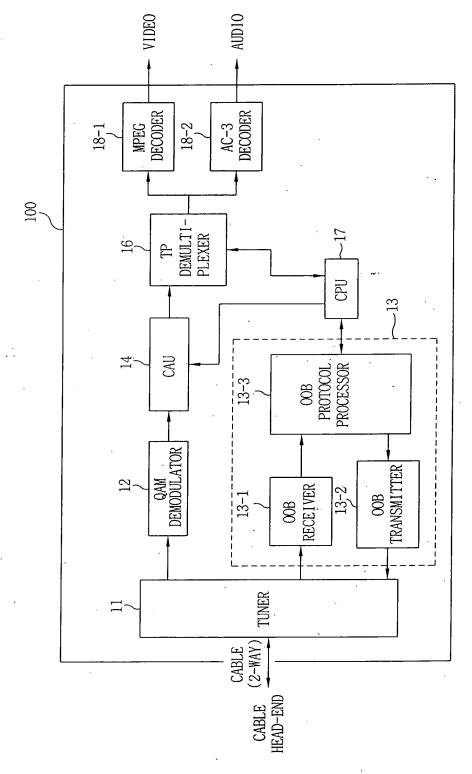


FIG.2 CONVENTIONAL ART

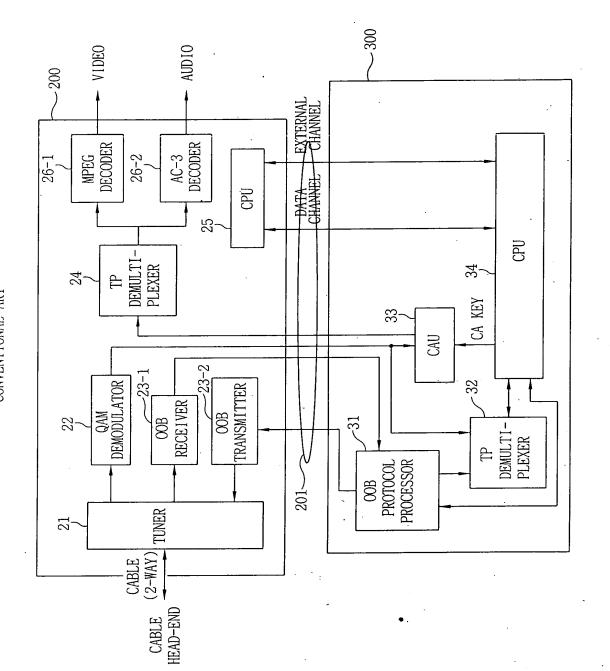
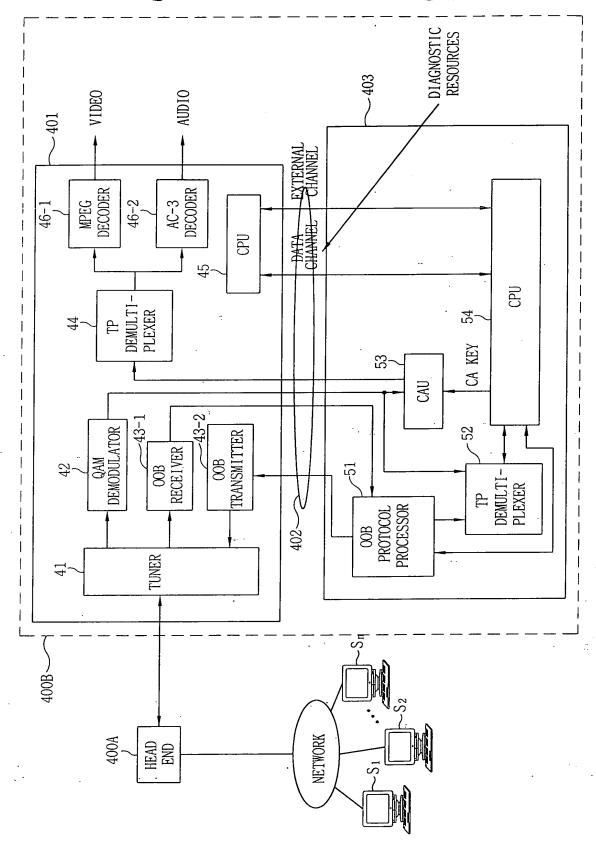


FIG.3
CONVENTIONAL ART

APPLICATION			
	RESOURCES:		1
USER INTERFACE	LOW-SPEED COMMUNICATIONS	SYSTEM	OPTIONAL EXTENSIONS
SESSION LAYER			
GENERIC TRANSPORT SUBLAYER			
PC CARD TRANSPORT SUBLAYER			
PC CARD LINK LAYER			
PC CARD PHYSICAL LAYER			

FIG.4



### FIG.5

Syntax	NO. OF BITS	
Diag_open_req() {		
Diag_open_req_tag	24	
Length_field() = 0	·	
}		-

### FIG.6A

Syntax	NO. OF BITS	DESCRIPTION
Diag_open_cnf() {		
Diag_open_cnf_tag	24	
Length_field()	· .	
Send_datatype_number	8	
For(I=0; 1 <send_datatype_number;1++) td="" {<=""><td></td><td>INFORMATION REPLY</td></send_datatype_number;1++)>		INFORMATION REPLY
Datatype_ID	8	TO SET-TOP BOX AND MANUFACTURER
Datatype_length	8 .	
For(J=0; J <datatype_length; j++)="" td="" {<=""><td></td><td></td></datatype_length;>		
Data_byte	8	
}		
. }		NUMBER OF
Sub_system_number	8	SUBSYSTEM INCLUDING SET-TOP
For(I=0;Sub_system_number;I++) {		BOX
Sub_sustem_id	8	
}		LIST OF SUBSYSTEM
}		

### FIG.6B

Datatype_id	id VALUE	LENGTH (BYTES)
Manufacturer_id	0x01	50(Max)
Brand_id	0x02	50(Max)
Model_id	0x03	20(Max)
Serial_id	0x04	20(Max)
Host_id	0x05	8
POD_module_id	0x06	8

### FIG.6C

Sub_system	id VALUE(HEXA)	
CableNIM tuning sub_system	0x01	
TP demultiplexing sub_system	0x02	
Video decoding sub_system	0x03	
Audio decoding sub_system	0x04	
Graphics sub_system	0x05	
Copy protection sub_system	0x06	

# FIG.7

Syntax	NO. OF BITS
Diag_stat_req() {	
Diag_stat_req_tag	24
Length_field( ) = 0	
}	

FIG.8

Syntax	NO. OF BITS	DESCRIPTION
Diag_stat_cnf() {		
Diag_stat_cnf_tag	24	
Length_field()		
System_status	8	REPLY WHETHER SET-TOP IS
}		NOMAL OR NOT
		0x00: OK
		0x01: Not OK

#### FIG.9

Syntax	NO. OF BITS	
Diag_data_req() {	·	
Diag_data_req_tag	24	
Length_field( ) = 0	:	
}		

## FIG.10A

Syntax	NO. OF BITS	DESCRIPTION
Diag_data_cnf() {		
Diag_data_cnf_tag	24	<u>.</u>
Length_field()		
Sub_system_number	8	NUMBER OF SUBSYSTEM
For(I=0; I <sub_system_number;1++) td="" {<=""><td>· •.</td><td>INCLUDING SET-TOP BOX</td></sub_system_number;1++)>	· •.	INCLUDING SET-TOP BOX
Sub_system_id	8	
Sub_system_status	8	REPLY WHETHER SET-TOP
}		IS NOMAL OR NOT
}		

# FIG. 10B

Sub_system	id VALUE(HEXA)	DESCRIPTION
CableNIM tuning sub_system		
•	0x00	ОК
	0x01	In-band tuning not working
	0x02	OOB Rx tuning not working
	0x03	OOB Tx tuning not working
TP demultiplexing sub_system		

FIG. 11

